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PTO/SB/92 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

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**REVOCATION OF POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/677,502
Filing Date	10/02/2000
First Named Inventor	Y. Hashibe
Group Art Unit	1711
Examiner Name	R. A. Sargent
Attorney Docket Number	114GI-134 (0694-134)

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

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I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name

Nippon Electric Glass Co., Ltd
General Manager of Patent Division

Signature

Nobuhiro Miyamoto

Date

Nobuhiro Miyamoto
April 25, 2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

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Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/81 (02-01)

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/677,502
Filing Date	10/02/2000
First Named Inventor	Y. Hashibe
Title	Fire Protection Glass Panel . . .
Group Art Unit	1711
Examiner Name	R. A. Sargent
Attorney Docket Number	114GI-134 (0694-134)

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:Place Customer
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Name	Registration Number
Bradley N. Ruben	32,058

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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☐ Practitioners at Customer Number

OR

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Individual Name

Bradley N. Ruben, PC

Address 463 First St.

Address Suite 5A

City Hoboken State NJ Zip 07030

Country USA

Telephone 201-239-0707 Fax 201-239-0734

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Nippon Electric Glass Co., Ltd. Nobuhiro Miyamoto

Signature *Nobuhiro Miyamoto*

Date General Manager of Patent Division April 25, 2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

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PTO/SB/96 (08-00)

Approved for use through 10/31/2002. CMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Y. Hashibe
 Application No./Patent No.: 09/677,502 Filed/Issue Date: 10/02/2000
 Entitled: FIRE PROTECTION GLASS PANEL WITH A HEAT SHIELDING CHARACTERISTIC
Nippon Electric Glass Co., Ltd., a corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
 2. ☐ an assignee of less than the entire right, title and interest.
 The extent (by, percentage) of its ownership interest is _____ %
 in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Yoshio Hashibe To: Nippon Electric Glass Co., Ltd.

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: Akihiko Sakamoto To: Nippon Electric Glass Co., Ltd.

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 25, 2003

Date

Nobuhiro Miyamoto

Typed or printed name

Nobuhiro Miyamoto

Signature

General Manager of Patent Division

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Joint

Assignment

FOR VALUE RECEIVED, WE, YOSHIO HASHIBE and AKIHIKO SAKAMOTO, citizens of Japan, residing at Gamou-gun, Shiga, Japan and Koka-gun, Shiga, Japan, respectively,

hereby sell, assign and transfer unto NIPPON ELECTRIC GLASS CO., LTD., a company duly organized and existing under the laws of Japan and having its executive office at 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 Japan

as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

FIRE-PROTECTION GLASS PANEL WITH A HEAT SHIELDING CHARACTERISTIC

described in an application for Letters Patent of the United States, executed by us on the 26th day of September, 2000, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Otsu-shi, Shiga, Japan

this 26th day of September, 2000

Yoshio Hashibe
YOSHIO HASHIBE

Akihiro Sakamoto
AKIHIKO SAKAMOTO

Witness:

Yuzi Ishida Dated: September 26, 2000

Masayuki Ninomiya Dated: September 26, 2000

Docket No.: 0694-134

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT ASSIGNMENT RECORDATION COVER SHEET**

Box ASSIGNMENT
Comm'r Patents & Trademarks
Washington, D.C. 20231

Dear Sir:

Please record the attached original document a copy thereof.

- 1) Name of conveying party(ies):

Hoshio Hashibe, Akihiko Sakamoto

- 2) Name and address of receiving party(ies):

Nippon Electric Glass Co., Ltd.
7-1, Seiran 2-chome,
Otsu-shi, Shiga 520-8639
JAPAN

- 3) The nature of the conveyance is an assignment, which was executed on 9/26/00.
4) This document is to be recorded against the enclosed application.
The total number of patents and/or applications involved is 1.

Please send all correspondence regarding this paper to the firm address shown below.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Please send all correspondence regarding this paper to the firm address shown below.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Enclosed is a check in the amount of \$ 40.00. Please charge any additional fees required by this paper, and credit any overpayment, to the firm's Deposit Acct.
No. 08-2776

Certificate of Mailing Under 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Honorable Commissioner of Patents and Trademarks, BOX ASSIGNMENT, Washington, D.C. 20231

on 2 October 2000

Name: Heather A. McLennand

Heather A. McLennand
Signature

Respectfully submitted,

Bradley N. Ruben
Bradley N. Ruben
Reg. No. 32,058
Hopgood, Calimafde, Judlowe,
& Mondolino
60 East 42nd Street
New York, NY 10165

2 October 2000

OFFICIAL